

Title (en)

FINGERPRINT SENSOR CONFIGURED FOR AVOIDANCE OF LATENT FINGERPRINTS

Title (de)

FINGERABDRUCKSENSOR ZUR VERMEIDUNG LATENTER FINGERABDRUCKE

Title (fr)

DETECTEUR D'EMPREINTES DIGITALES CONFIGURE POUR EVITER DES EMPREINTES DIGITALES LATENTES

Publication

EP 4357947 A2 20240424 (EN)

Application

EP 24158083 A 20211216

Priority

- US 202117248267 A 20210115
- EP 21841176 A 20211216
- US 2021072957 W 20211216

Abstract (en)

A method may include prompting a user to place their finger within a given sub-region of a fingerprint sensing surface and then obtaining the user's fingerprint. The given sub-region may be selected based on a determined or estimated probability that the given sub-region contains a latent fingerprint. As examples, the given sub-region may be determined randomly, pseudo-randomly, or based on information in a log of historical touch and/or fingerprint locations. The method may further involve tracking which sub-regions of the fingerprint sensing surface may potentially have latent fingerprints. The method may involve prompting the user to wipe one or more sub-regions of the fingerprint sensing surface when more than a predetermined fraction of the fingerprint-sensing surface has been used to obtain fingerprint images.

IPC 8 full level

G06F 21/32 (2013.01)

CPC (source: EP KR US)

G06F 1/1696 (2013.01 - EP KR); **G06F 3/0412** (2013.01 - KR US); **G06F 3/0416** (2013.01 - KR US); **G06F 3/043** (2013.01 - EP KR); **G06F 3/044** (2013.01 - KR US); **G06F 3/0488** (2013.01 - EP KR); **G06F 21/32** (2013.01 - EP KR US); **G06V 40/1306** (2022.01 - EP KR US)

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